Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
Data File : BM028482.D
Acq On : 21 Jan 2021 10:52
Operator : CG/JU
Sample : M1160-07MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BASIN-3MS

Quant Time: Jan 21 11:22:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 20 14:45:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.028	152	28124	20.00	ng		0.00
21) Naphthalene-d8	10.845	136	116523	20.00	ng		# 0.00
39) Acenaphthene-d10	14.674	164	67659	20.00	ng		0.00
64) Phenanthrene-d10	17.398	188	135912	20.00	ng		# 0.00
76) Chrysene-d12	21.527	240	128555	20.00	ng		# 0.00
86) Perylene-d12	23.815	264	126899	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	168389	94.58	ng		0.00
7) Phenol-d6	7.192	99	218059	89.95	ng		0.00
23) Nitrobenzene-d5	9.204	82	137052	55.79	ng		0.00
42) 2,4,6-Tribromophenol	16.151	330	84344	94.09	ng		0.00
45) 2-Fluorobiphenyl	13.298	172	300692	55.76	ng		0.00
79) Terphenyl-d14	19.986	244	386058	54.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	24804	34.72	ng	#	61
3) Pyridine	3.763	79	72880	36.85	ng	#	48
4) n-Nitrosodimethylamine	3.669	42	48476	42.63	ng	#	54
6) Aniline	7.351	93	60120	22.89	ng		97
8) 2-Chlorophenol	7.586	128	93983	47.48	ng		97
9) Benzaldehyde	7.157	77	61128	48.46	ng		87
10) Phenol	7.216	94	115330	50.48	ng		88
11) bis(2-Chloroethyl)ether	7.445	93	83394	45.26	ng		88
12) 1,3-Dichlorobenzene	7.916	146	100436	42.99	ng	#	93
13) 1,4-Dichlorobenzene	8.063	146	102393	43.34	ng		97
14) 1,2-Dichlorobenzene	8.386	146	98290	43.37	ng		98
15) Benzyl Alcohol	8.281	79	79514	47.08	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.569	45	137402	41.32	ng		71
17) 2-Methylphenol	8.481	107	75868	47.95	ng	#	89
18) Hexachloroethane	9.116	117	37768	42.48	ng		90
19) n-Nitroso-di-n-propyla...	8.845	70	66381	45.98	ng	#	64
20) 3+4-Methylphenols	8.810	107	101556	47.86	ng		91
22) Acetophenone	8.863	105	128939	42.68	ng	#	87
24) Nitrobenzene	9.245	77	100029	42.18	ng	#	89
25) Isophorone	9.775	82	175941	46.74	ng		96
26) 2-Nitrophenol	9.957	139	49829	46.43	ng	#	86
27) 2,4-Dimethylphenol	10.016	122	80796	51.77	ng		89
28) bis(2-Chloroethoxy)met...	10.251	93	111080	41.81	ng		97
29) 2,4-Dichlorophenol	10.492	162	84538	45.40	ng		98
30) 1,2,4-Trichlorobenzene	10.710	180	89600	40.51	ng		98
31) Naphthalene	10.898	128	280394	42.59	ng		99
32) Benzoic acid	10.157	122	39191	27.90	ng	#	84
33) 4-Chloroaniline	11.004	127	33221	12.15	ng		92
34) Hexachlorobutadiene	11.174	225	51640	39.13	ng		99
35) Caprolactam	11.827	113	28056	46.55	ng	#	50
36) 4-Chloro-3-methylphenol	12.127	107	91335	47.17	ng		95
37) 2-Methylnaphthalene	12.504	142	199927	44.05	ng		95
38) 1-Methylnaphthalene	12.721	142	188351	43.74	ng		100
40) 1,2,4,5-Tetrachloroben...	12.868	216	94490	42.34	ng		99
41) Hexachlorocyclopentadiene	12.839	237	109177	104.73	ng		99
43) 2,4,6-Trichlorophenol	13.110	196	66836	44.65	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.180	196	72419	46.75	ng		99
46) 1,1'-Biphenyl	13.510	154	248134	42.97	ng		100
47) 2-Chloronaphthalene	13.551	162	191281	40.54	ng		98
48) 2-Nitroaniline	13.757	65	62673	42.36	ng		88
49) Acenaphthylene	14.398	152	307857	43.97	ng		100
50) Dimethylphthalate	14.127	163	258763	46.52	ng		100
51) 2,6-Dinitrotoluene	14.251	165	53339	45.08	ng		92
52) Acenaphthene	14.739	154	184965	42.55	ng		96
53) 3-Nitroaniline	14.574	138	27258	20.43	ng		91
54) 2,4-Dinitrophenol	14.786	184	43545	61.79	ng		94
55) Dibenzofuran	15.068	168	288255	43.11	ng		99
56) 4-Nitrophenol	14.886	139	99824	95.04	ng	#	78
57) 2,4-Dinitrotoluene	15.033	165	73412	46.58	ng		94
58) Fluorene	15.715	166	238293	43.50	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.292	232	64627	47.19	ng		93
60) Diethylphthalate	15.480	149	246473	43.65	ng		98
61) 4-Chlorophenyl-phenyle...	15.704	204	113834	42.19	ng		96
62) 4-Nitroaniline	15.733	138	55849	38.46	ng	#	84
63) Azobenzene	15.998	77	236163	44.55	ng		90
65) 4,6-Dinitro-2-methylph...	15.798	198	36505	43.23	ng		80
66) n-Nitrosodiphenylamine	15.915	169	206816	45.44	ng		98
67) 4-Bromophenyl-phenylether	16.592	248	70590	43.86	ng		96
68) Hexachlorobenzene	16.709	284	78412	41.92	ng		97
69) Atrazine	16.862	200	58434	43.31	ng		98
70) Pentachlorophenol	17.051	266	104414	102.43	ng		98
71) Phenanthrene	17.439	178	360720	43.16	ng		99
72) Anthracene	17.533	178	375761	46.54	ng		99
73) Carbazole	17.798	167	338984	44.27	ng		100
74) Di-n-butylphthalate	18.345	149	435297	47.25	ng		99
75) Fluoranthene	19.433	202	407555	43.42	ng		96
77) Benzidine	19.615	184	159914	55.32	ng		98
78) Pyrene	19.797	202	414437	44.96	ng		99
80) Butylbenzylphthalate	20.668	149	191822	47.20	ng		97
81) Benzo(a)anthracene	21.515	228	388108	43.72	ng		99
82) 3,3'-Dichlorobenzidine	21.444	252	85808	30.08	ng	#	98
83) Chrysene	21.568	228	378128	44.12	ng		100
84) Bis(2-ethylhexyl)phtha...	21.427	149	285114	49.61	ng		96
85) Di-n-octyl phthalate	22.315	149	482056	49.62	ng	#	88
87) Indeno(1,2,3-cd)pyrene	26.156	276	439527	46.49	ng	#	90
88) Benzo(b)fluoranthene	23.127	252	396925	46.07	ng	#	97
89) Benzo(k)fluoranthene	23.174	252	373340	44.38	ng	#	97
90) Benzo(a)pyrene	23.721	252	354840	44.45	ng	#	97
91) Dibenzo(a,h)anthracene	26.162	278	371662	47.51	ng	#	93
92) Benzo(g,h,i)perylene	26.873	276	361864	47.03	ng	#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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